

### REMARKS

Reconsideration of the instant application is respectfully requested. The present amendment is responsive to the Office Action of September 20, 2005, in which claims 1-24 are presently pending. Of those, claims 1, 2, 10-12, 21 and 22 have been rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent 4,912,735 to Beer. In addition, claims 3, 4, 13, 14 and 23 have been rejected under 35 U.S.C. §103(a) as unpatentable over Beer. Claims 5, 15 and 24 have been rejected under 35 U.S.C. §103(a) as unpatentable over Beer, in view of U.S. Patent 5,608,771 to Steigerwald, et al.

Claims 6-8, 16, 17 and 19 are additionally rejected under 35 U.S.C. §103(a) as unpatentable over Beer, in view of U.S. Patent 6,674,836 to Harada, et al. However, claims 9, 18 and 20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form. For the following reasons, it is respectfully submitted that the application is now in condition for allowance.

As an initial matter, paragraph [0030] of the specification has been amended to correct a typographical error therein. Additionally, paragraph [0032] has been amended to include the word "weight" as pointed out by the examiner. Accordingly, the objection to the specification has been overcome.

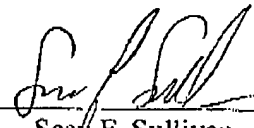
With regard to the §102 and §103 rejections over the art of record, independent claim 1 has been amended as set forth above to incorporate the elements of now cancelled claims 8 and 9, rendering claim 1 allowable over the art of record. Similarly, independent claim 11 has been amended as set forth above to incorporate the elements of now cancelled claims 19 and 20, rendering claim 11 allowable over the art of record. In addition, claim 18 has been rewritten in independent form, thereby placing the same in condition for allowance. Finally, independent claim 25 is newly added to recite the elements of a leakage inductance of the rotary transformer used as part of a resonant network (comprising a pair of resonant capacitors configured within the primary side of

the rotary transformer for the primary power inverter), in the context of a single channel transfer system.

Accordingly, it is respectfully submitted that the present application is now in condition for allowance. No new matter has been entered and no additional fees are believed to be required. However, if any fees are due with respect to this Amendment, please charge them to Deposit Account No. 07-0845 maintained by Applicants' attorneys.

Respectfully submitted,  
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